

Claims

[1]

A light control film having a rough surface as one surface and a substantially smooth surface as the other surface, wherein total light transmission of the film for lights entered from the smooth surface is not more than 65% and not less than 20% as measured according to the measurement method defined in JIS K7361-1:1997.

[2]

A light control film having a rough surface as one surface and a substantially smooth surface as the other surface, wherein total light transmission of the film for lights entered from the smooth surface is not more than 65%, total light transmission of the film for lights entered from the rough surface is not less than 80%, as measured according to the measurement method defined in JIS K7361-1:1997, and a value obtained by subtracting the total light transmission for smooth surface incidence from the total light transmission for rough surface incidence is not less than 30.

[3]

The light control film according to claim 2, wherein the total light transmission for smooth surface incidence is not less than 20%.

[4]

The light control film according to claim 1 or 2, wherein the value obtained by subtracting the total light transmission for smooth surface incidence from the total light transmission for rough surface incidence is not less than 80.

[5]

The light control film according to claim 1 or 2,

which has a haze of not less than 60% as determined by the measurement method defined in JIS K7136:2000.

[6]

A backlight unit comprising a light guide plate equipped with a light source on at least one end portion thereof and having a light emergent surface approximately perpendicular to the end portion and a light control film provided on the light emergent surface of the light guide plate, wherein the light control film according to any one of claims 1 to 5 is used as the light control film.

[7]

The backlight unit according to claim 6, wherein the light control film is disposed so that the substantially smooth surface should face the light guide plate.

[8]

The backlight unit according to claim 6 or 7, wherein a prism sheet is used between the light control film and the light guide plate.

[9]

A backlight unit comprising a light source, a light diffusive plate provided on one side of the light source and a light control film provided on the side of the light diffusive plate opposite to the light source side, wherein the light control film according to any one of claims 1 to 5 is used as the light control film.

[10]

The backlight unit according to claim 9, wherein the light control film is disposed so that the substantially smooth surface should face the light source.